

**PROJECT OF OFFICIAL MEXICAN STANDARD PROY-NOM-005-SCT2/1999.
“TRANSPORT EMERGENCY INFORMATION FOR THE TRANSPORT OF
HAZARDOUS MATERIALS AND WASTES”**

**NATIONAL CONSULTATIVE COMMITTEES FOR STANDARIZATION OF TRANSPORT
FOR LAND; AERIAL; MARITIME AND PORTS**

AARON DYCHTER POLTOLAREK, Undersecretary of Transport and Chairman of the National Consultative Committees for the Standarization of Land Transport and Aerial Transport together with **PEDRO PABLO ZEPEDA BERMUDEZ**, Coordinator General of Ports and Merchant Marine and Chairman of the National Consultative Committee for Standarization of Maritime Transport and Ports, based upon articles 36 parts I,IV,VI,IX,XII,XIV,XVI,XVII,XVIII,XXV,XXVII of the Organic Act of Federal Public Administration; 1st.,38 part II, 40 parts V,XIII,XVI and XVII, 41,43 and 47 of the Federal Act on Metrology and Standarization; 5th part VI of the Act for Roads, Bridges and Federal Autotransport; 7th part V and 63 of the Act for Navigation; 52 and 114 part III of the Regulation for the Land Transport of Hazardous Materials and Wastes; 5th and 6th of the Regulation of Operation of Civil Aircraft; 6th part XIII of the Internal Regulation of the Secretariat of Communications and Transport as well as any other appliccable mandates, are herewith commanding publication on the Official Register this Project for Official Mexican Standard PROY-NOM-005-SCT/1999 , “TRANSPORT EMERGENCY INFORMATION FOR THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES”

This project of Official Mexican Standard, is published for the purpose and effect that within the next 60 natural days of its publication date , all interested parties provide their comments and observations to the National Consultative Committees for Standarization of Transport: Land; Aerial; Maritime and Ports in their corresponding headquarters at the following adresses respectively:

Calzada de las Bombas No. 411, 9th. Floor, Col. San Bartolo Coapa, Delegación Coyoacán, C.P. 04800. Phone 684-1275; Fax 684-0188.

Providencia No. 807 3rd. Floor, Col. Del Valle, C.P. 03100, Delegación Benito Juárez. Phone 532-4853 Fax 523- 4853.

Municipio Libre No. 377 6^o Piso, Col. Santa Cruz Atoyac, Delegación Benito Juárez, Phone 604-4609 Fax 605-8321

During the aforementioned period, analysis which were utilized as a base to work on the Regulatory Impact Declaration in accordance with Article 45 of the Federal Act on Metrology and Standarization will be on public display for public consultation in each of the above mentioned adresses for the respective commitees.

Mexico City, Federal District, September 22, 1999

**CHAIRMAN OF THE NATIONAL
CONSULTATIVE COMMITTEES
FOR STANDARIZATION OF LAND
TRANSPORT AND AERIAL TRANSPORT**

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**CHAIRMAN OF THE NATIONAL
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PEDRO PABLO ZEPEDA BERMUDEZ

PROJECT

PROY-NOM-005-SCT/1999

**FOR THE TRANSPORT OF
HAZARDOUS MATERIALS AND WASTES**

**“TRANSPORT EMERGENCY INFORMATION FOR
THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES”**

Participants in this Project of Official Mexican Standard were:

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DIRECTORATE GENERAL OF FEDERAL AUTOTRANSPORT

DIRECTORATE GENERAL OF TARIFFS, RAILROAD AND MULTIMODAL TRANSPORT

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NATIONAL CHAMBER OF INDUSTRY

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NATIONAL ASSOCIATION OF PAINT AND DYES MANUFACTURERS

NATIONAL ASSOCIATION OF THE CHEMICAL INDUSTRY

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**PROJECT FOR
OFFICIAL MEXICAN STANDARD PROY-NOM-005-SCT/1999
TRANSPORT EMERGENCY INFORMATION FOR
THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

1. PURPOSE.

This Official Mexican Standard Project has as an objective to establish data and description of specifications to be contained on the Transport Emergency Information for the Transport of Hazardous Substances, Materials and Wastes, to guide actions to be followed in cases of incidents or accidents (leakages, spills, explosions, fires, exposures, etc.), that must be carried on every shipment destined to the transfer of this type of substances, in a bag or folder on an easily accesible place of the vehicle.

2. APPLICABILITY.

This Project for an Official Mexican Standard is for obligatory compliance for Shippers, Carriers and Consignees of the Hazardous Substances, Materials and Wastes to be transported through the general means of land, sea and air communications.

3. REFERENCES.

For a correct application of this standard, the folowing Official Mexican Standards must be consulted:

- | | |
|-------------------|---|
| NOM-002-SCT2/1994 | LIST OF HAZARDOUS SUBSTANCES AND MATERIALS MORE USUALLY TRANSPORTED. |
| NOM-003-SCT/1999 | CHARACTERISTICS OF THE LABELS OF PACKAGES AND PACKAGINGS DESTINED TO TRANSPORT HAZARDOUS SUBSTANCES, MATERIALS AND WASTES. |
| NOM-004-SCT/1999 | PIDENTIFICATION SYSTEM OF UNITS INTENDED FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES. |
| NOM-043-SCT2/1995 | SHIPPING DOCUMENT FOR HAZARDOUS SUBSTANCES, MATERIALS AND WASTES. |
| NOM-052-ECOL-1993 | WHICH ESTABLISHES THE CHARACTERISTICS OF HAZARDOUS WASTES, A LISTING OF THEM AND LIMITS THAT MAKE WASTE DANGEROUS DUE TO ITS TOXICITY TO THE ENVIRONMENT. |

NOM-054-ECOL-1993 WHICH ESTABLISHES THE PROCEDURE TO DETERMINE INCOMPABILITY BETWEEN TWO OR MORE RESIDUES CONSIDERED AS HAZARDOUS BY THE OFFICIAL MEXICAN STANDARD NOM-052-ECOL-1993.

NOM-087-ECOL-1995 WHICH ESTABLISHES REQUISITES FOR SEGREGATION, PACKING, STORING, COLLECTION, TRANSPORT, TREATMENT AND FINAL DISPOSITION OF BIOLOGICAL AND INFECTIOUS WASTES GENERATED IN HOSPITALS AND ESTABLISHMENTS PROVIDING MEDICAL ASSISTANCE.

4. SPECIFICATIONS.

The Transport Emergency Information for the Transport of Hazardous Substances, Materials and Wastes, must cover what is specified on point 4.1 and pointed on 4.2

4.1 The Emergency Sheet for the Transport of Hazardous Materials and Wastes must contain the data shown in the annex format No. 1 of this Standard which are the following:

- 1) Company Name/Adress; must write down company name and adress of the shipping company along with its activity, e.gr.: Manufacturer, Importer, Consumer or Distributor of the transported product. In the case of a waste, name of the Generator of it.
- 2) Shipper's emergency phone and fax numbers; telephone number of the company within national boundaries where either authorities or any person may call to report in case of emergency.
- 3) Name of the Product: Official Designation of the material or waste being transported must be written down, according to the Official Mexican Standard NOM-002-SCT2/1994, or the lists of hazardous materials for the air and sea transport.
- 4) Classification: Write down risk class and division number of the substance or waste as it appears on NOM-002-SCT2/1994.
- 5) Material Number: Write down the assigned number of the United Nations Organization, as indicated on NOM-002-SCT2/1994

- 6) Transporting Company: Write down the Name or Company Name or Owner's name of the Carrier.
- 7) Emergency Telephones: Write down the Transporting Company Phone and Fax numbers, for emergency cases.
- 8) Physical state: Must indicate the physical state, its color and odor of the substance, material or waste being transported.
- 9) Physical-Chemical properties: Must describe briefly the most relevant ones according to the material or waste and the means of transportation: density, specific gravity, temperature (boiling point, fusion, flammability, self-ignition), pH, water solubility, flammability or explosivity limits, vapor pressure and maximum exposition limits value.
- 10) National Emergency System Telephone: Write down the telephone number of the national emergency system shown here. In case of accident or incident must report it immediately.

CECOM: 01-800-00-413-00 in the Mexican Republic
For calls from Mexico City and Metropolitan area:
55-50-14-96; 55-50-15-52; or 55-50-14-85
Fax: 56-16-55-60 or 56-16-55-61

For calls from any other area of the Republic, dial:
52-55-50-14-96; 52-55-50-15-52; 52-55-50-14-85 or 52-55-50-48-85 (*)

SETIQ: 01-800-00-214-00 in the Mexican Republic

For calls from Mexico City and Metropolitan Area:
55-59-15-88

For calls from any other area of the Republic, dial:
52-55-59-15-88 (**)

Where radioactive materials are concerned, report it to competent authority :
National Nuclear Safety and Safeguards Commission:
55-79-41-99; 55-79-47-79 and 55-79-46-60

(*),() (translator's note: Copied as it is in the original text, however, it should say: If calling from outside the country of Mexico, dial country code 52 and 55-59-15-88. The same applies for CECOM, dial country code 52 plus the numbers. In the case of the National Nuclear Safety and Safeguards Commission, making calls outside of the country, to report an incident, dial country code 52 and the phone numbers indicated above under the Commission's phones)**

In case of an accident on airport zones or within their jurisdictional area the Airport Authority must be properly notified.

- 11) Equipment and Means of Personal Protection: Must write down the equipment for Personal Protection, specific for the material being transported. Such equipment must be carried by the driver of the transporting unit for hazardous materials or wastes, as well as the means that allow the emergency teams to take the initial protective actions such as safety goggles, rubber gloves, leather gloves, rubber aprons, rubber boots, dust masks, gases masks, shovel, brush, sand, etc.; or any other type of equipment or material required to minimize accidents. In the case of radioactive materials, it is necessary to carry ionizing radiation detection equipment.
- 12) Risks: Must indicate possible risks that may be present in an accident during transportation, as pointed out on paragraphs 14 to 22.
- 13) Actions: It refers to actions to be taken immediately, such as stopping the transport unit at the safest possible place, set up alert signals to prevent accidents to other drivers, referring also to actions pointed out on paragraphs 15, 17, 19, 21 and 23 in order to face the risks indicated on numbers 14, 16, 18, 20 and 22 of the "Emergency Sheet".
- 14) Intoxication (Poisoning)/ Exposure: Refers to damages or injuries that may be suffered by a person that ingest, inhale or has physical contact with the hazardous materials or wastes, emphasizing actions to avoid for safety reasons.
- 15) Write down initial actions to be taken to protect injured or harmed personnel due to exposure, inhalation, physical contact or ingestion of the hazardous materials or wastes, emphasizing actions to avoid for safety reasons.
- 16) Pollution: Refers to alteration of the environment caused by accidental release of hazardous substances, materials or wastes.
- 17) Write down actions to be taken to minimize damages to population and the environment.
- 18) Medical Information: Point out initial attention measures in case of intoxication (poisoning) and exposure, when these are not within other sections of this information. Also in its case, specific antidotes will be pointed out.

- 19) Point out medical indications about special measures to be applied in case of intoxication (poisoning) suffered by the personnel through exposure, inhalation, physical contact, ionizing radiation or ingestion of the substances, materials or wastes, antidotes if any and countermeasures, as well as data on possible after effects or complications or warnings to the medical staff and recommendations for hospital treatment.
 - 20) Drippings, leakages and spills: Refers to risks represented by accidental liberation of hazardous substances, materials or wastes in any physical state of the material; solid, liquid or gaseous.
 - 21) Write down actions to be taken to minimize the effects of such spills and isolation distances and initial isolation of the zone near the accident, as well as procedures for the disposal of the spilled material, emphasizing actions to avoid for safety reasons.
 - 22) Fire/Explosion: Briefly describe conditions and risks that may occur when the substance or material catches fire and its behaviour under fire conditions, as well as emphasizing actions to avoid for safety reasons and indicating isolation and evacuation area.
 - 23) Write down actions to be taken to prevent that the hazardous substance, material or waste come in contact with fire or heat sources, as well as the required protective equipment and the special procedures and caution for fighting fire, emphasizing actions to avoid for safety reasons.
 - 24) At the end of the Form must bear the Name and Signature of the person responsible of gathering the information (shipper), his position in the company and his telephones.
 - 25) It is required that the Emergenct Sheet for the transport of hazardous substances, materials and wastes, to be filled out in full, in order to make use of it if needed. Its adequate completion and filling out is the responsibility of the company that owns the material being transported.
- 4.2 If a shipment consists of several products belonging to the same chemical family, it will not be a requisite to carry an Emergency Sheet for each product. It will suffice with one Sheet per chemical family.
- 4.2.1 To complement the information contained in the form specified on Annex 1, the North American Emergency Response Guidebook, 1996 Edition, must be carried. It contains:

- 1) Safety cautions
- 2) Who to call for assistance in Canada, United States and Mexico
- 3) Table of placards and initial response guides to be used on the site.
- 4) United Nations Organization numbers index.
- 5) Alphabetical index, indicating the guide number and the United Nations Organization assigned number for the hazardous substance or material.
- 6) Response guides.
 - a) Potential dangers, fire, explosion and health hazards.
 - b) Public safety, protecting clothing and isolation.
 - c) Emergency response, fire, spills or leakage and first aid.
- 7) Table of initial isolation and protective action distances.
- 8) List of hazardous materials that are water reactive and the corresponding number of response guide; and
- 8) Glossary.

5. BIBLIOGRAPHY.

1993 Emergency Response Guidebook, a guidebook for first responders during the initial phase of a hazardous materials incident, United States Department of Transport, Research and Special Programs Administration, United States, 1993.

Dangerous Goods Initial Emergency Response Guide 1992, Transport Canada, Dangerous Goods Transport, Canada, 1992.

Guia de Respuestas Iniciales en caso de Emergencias Ocasionadas por Materiales Peligrosos, Asociacion Nacional de la Industria Quimica, Sistema de Emergencia en Transporte para la Industria Quimica, Mexico 1992.

6. HARMONIZATION WITH INTERNATIONAL INSTRUMENTS (*)

This Official Mexican Standard is equivalent to the Emergency Response Guidebook for first responders during the initial phase of a hazardous materials incident, United States Department of Transport, Research and Special Projects Administration, 1993 Edition and Dangerous Goods Initial Emergency Response Guide 1992 (CANUTEC), of Canada.

(*) Translator's note: On the Index of this standard says "Harmonization with International Standards", however, when this section starts, the word "standards" was changed to "Instruments".

7. COMPLIANCE.

This Standard is obligatory in its compliance on the General Means of Communication, based upon provisions on the Civil Aviation Act, on the Regulations for the Land Transport for Hazardous Materials and Wastes and other international documents signed by our country for the land, sea and air transportation.

8. ENFORCEMENT.

The Secretariat of Communications and Transport through the General Directorates involved, is the competent authority to enforce compliance of this Official Mexican Standard. Evaluation of Conformity will be done according to the following criteria:

8.1 Evaluation of Conformity.

Enforcement will be executed by the Federal Highway Police, General Means of Communications Inspectors and duly credited personnel.

Visual inspection during operation will be the verification that the Emergency Sheet or Sheets to be carried by the driver, is duly filled out according to the transported material and they carry the 1996 North American Emergency Response Guidebook, As well as they can show the transported material location within that Guide.

9. SANCTIONS.

Non compliance of what is established in this Official Mexican Standard will be sanctioned by this Secretariat according to what is established in the Regulations of Land Transport of Hazardous Materials and Wastes and other applicable legal ordainments, without interference to those sanctions applied by other Federal Government Agencies, exercising their attributions, or of civil or criminal responsibility resultant thereof.

10. VALIDITY.

This Official Mexican Standard will be in Force 60 days after its publication in the Official Register.

11. TRANSITORY.

This Official Mexican Standard, abrogates NOM-005-SCT2/1994, "Emergency information for the land transport of hazardous materials and wastes" published on the Official Register on July 24, 1995.

Mexico, D.F., September 22, 1999.


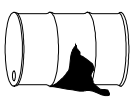

**THE UNDERSECRETARY OF TRANSPORT
AND CHAIRMAN OF THE NATIONAL
CONSULTATIVE COMMITTEES OF
STANDARDIZATION FOR LAND TRANSPORT
AND AIR TRANSPORT**

**THE COORDINATOR GENERAL OF PORTS
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OF MARINE TRANSPORT AND PORTS**

AARON DYCHTER POLTOLAREK

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ANNEX No. 1 **EMERGENCY SHEET FOR THE TRANSPORT** **OF HAZARDOUS MATERIALS AND WASTES**

1. COMPANY NAME AND ADDRESS * MANUFACTURER * IMPORTER * CONSUMER * DISTRIBUTOR * GENERATOR 2. SHIPPER'S EMERGENCY PHONE AND FAX NUMBERS		3. PRODUCT OR RESIDUE COMMERCIAL NAME: CHEMICAL NAME: 4. CLASS 5. UN No. OF MATERIAL	6 CARRIER COMPANY 7 EMERGENCY PHONE AND FAX
8. PHYSICAL STATE	9. PHYSICAL AND CHEMICAL PROPERTIES	10. REPORT TO NATIONAL EMERGENCY SYSTEM AND HAZARDOUS MATERIALS SPECIFIC AUTHORITIES: FEDERAL HIGHWAY POLICE, FIRE DEPARTMENT, RED CROSS, ETC.	
11 PERSONAL PROTECTION EQUIPMENT			
IN CASE OF ACCIDENT: * STOP ENGINE * SET SIGNALS IN DANGER ZONE * KEEP UNNECESSARY PEOPLE AWAY; OF THE DANGER ZONE			
12. RISKS ☐ IF THIS HAPPENS		13. ACTIONS ☐ DO THIS	
14.  INTOXICATION/EXPOSURE		15.	
16. POLLUTION		17.	
18. MEDICAL INFORMATION		19.	
20.  SPILLS / LEAKAGES		21.	
22.  FIRE/EXPLOSION		23.	
24. NAME		SIGNATURE	POSITION PHONE
25. THIS SHEET MUST BE ON AN EASILY ACCESIBLE PLACE TO BE USED IN CASE OF EMERGENCY AND MUST BE FILLED IN ITS ENTIRETY.			